



**US Army Corps
of Engineers®**
New York District

NORTH SHORE OF LONG ISLAND, NY

Bayville

**Storm Damage Protection and
Beach Erosion Control**

FACT SHEET

DESCRIPTION: The study area is located on the North Shore of Long Island, New York, extending west from Orient Point on the north fork of Long Island in Suffolk County to the East River in Queens County in New York City. The irregular shoreline forms the southern limit of Long Island Sound and is characterized by landforms ranging from high bluffs to numerous inlets, bays and harbors. Recent coastal storms have accelerated shoreline erosion and inundated highly developed areas. Several communities especially the Village of Bayville in Nassau County, have incurred major losses due to coastal erosion and flooding. Bayville had hundreds of residences and businesses flooded by high tides and with water up to five feet over main floors for up to a week after the onset of the December 1992 northeaster.

AUTHORIZATION: The North Shore of Long Island, New York Bayville Study was authorized by a resolution by the Committee on Public Works and Transportation, U.S. House of Representatives, adopted 13 May 1993. The New York State Department of Environmental Conservation (NYSDEC) is the Non-Federal Sponsor.

STATUS: A Reconnaissance Report was completed in September 1995. The Village of Bayville, with a population of approximately 7,500 middle-income permanent residents (based upon 1990 U.S. Census figures), being situated between two bodies of water (Oyster Bay and Long Island Sound), is a low-lying community subject to severe inland inundation. Once the inundation has occurred, the waters leave the community stranded for extended periods of time. Additionally, a number of small, single-family residences were severely damaged by wave attack and wave runup, destroying the existing seawalls, which were thought to be adequate to prevent such damages. The plan of improvement outlined in the reconnaissance report consists of a combination of a buried seawall and set-back flood wall, with appropriate interior drainage works, protecting the Village of Bayville from Long Island Sound and Oyster Bay storm waters. A Feasibility Cost-Sharing Agreement with NYSDEC was signed on March 21, 2001. Efforts continue to focus on data collection activities including surveying and mapping, and the development of baseline information on coastal processes and related environmental resources. The study is scheduled for completion in September 2006.

PROJECT COST:

Estimated Federal Cost	\$ 1,325,000
Estimated Non-Federal Cost	\$ 1,325,000
Total	\$ 2,650,000

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District Area: NY #3, Congressional Member: Peter King

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